

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Reclamation District No. 2058 Pescadero

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Paradise Cut	Left	6.58	11/12/2014 11/12/2014	Maksim Khashchuk

LM Start		Rating **	A	Issue No.	6
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_RD2058_01_s_2013_6				
Action/Comments					
Inspector Comments: The LMA has current flood fight training.					

No Photos

LM Start		Rating **	A	Issue No.	7
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_RD2058_01_s_2013_7				
Action/Comments					
Inspector Comments: Flood fight supplies are available on-site at the office.					

No Photos

LM Start		Rating **	A	Issue No.	9
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_RD2058_01_s_2013_9				
Action/Comments					
Inspector Comments: The O&M Manual is available at the district office.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 Paradise Cut	Left	6.58	11/12/2014 11/12/2014	Maksim Khashchuk

LM Start	2.15	Rating **	M	Issue No.	1
LM End	2.15	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.803769 °	37.803769 °
				-121.386341 °	-121.386341 °
DWR ID					

Action/Comments

Inspector Comments: 08/26/2014: No significant change observed.
08/28/2013: No significant change observed.
07/31/2012: Site was visited on 07/26/2012. No significant change observed. A new vertical pipe was installed and concrete blocks left on the site. Dense vegetation is visible at the site. No signs of new leaks or spill from the siphon breaker.
09/02/2011: Site was not visited due to the time limit.
09/22/2010: No significant change observed. Vegetation downstream, upstream and on the lower slope of the site have been recently sprayed. These areas were also fenced off during the site visit, making it difficult for us to examine the condition of the lower slope. Possible leak or spill from the siphon breaker is creating notches along the slope and developing into a headward erosion. If the problem continues, it will erode the slope and fully expose the pipe to outside elements.
07/23/2009: A possible leak or spill from a siphon breaker is eroding the slope and developing into a headward erosion; a portion of the buried pipe is exposed; the lower slope seems to be lined with chunks of concrete debris or other rock material. [2014 Site ID:RD2058U01RM1.78]

Photo 1 of 1 : SJR2014_RD2058U01RM1.78_1.jpg



Direct view of the site.

LM Start	2.42	Rating **	A/W	Issue No.	16
LM End	2.42	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.802782 °	37.802782 °
				-121.381413 °	-121.381413 °
DWR ID	DWR RD2058 01 s 2012 16				

Action/Comments

Elderberries are blocking visibility and flood fight capability.
Inspector Comments: Elderberry growing on landside toe.

Photo 1 of 1 : FA_2014_RD2058_111_16_20141001_00007.jpg



03/28/2012 Large elderberry bush on landside slope.

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+ **Issue Type**
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Paradise Cut	Left	6.58	11/12/2014 11/12/2014	Maksim Khashchuk

LM Start	2.64	Rating **	A/W	Issue No.	63
LM End	2.64	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.801962 °	37.801962 °
				-121.377684 °	-121.377684 °
DWR ID	DWR_RD2058_01_s _ 2012_63				
Action/Comments					
Elderberries are blocking visibility and flood fight capability. Inspector Comments: Elderberry on waterside slope.					

Photo 1 of 1 : FA_2014_RD2058_111_63_20141001_00018.jpg



03/28/2012 Large elderberry bush located on waterward slope.

LM Start	2.66	Rating **	A/W	Issue No.	64
LM End	2.66	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.801876 °	37.801876 °
				-121.377291 °	-121.377291 °
DWR ID	DWR_RD2058_01_s _ 2012_64				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

No Photos

LM Start	2.67	Rating **	A/W	Issue No.	65
LM End	2.67	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.801823 °	37.801823 °
				-121.377068 °	-121.377068 °
DWR ID	DWR_RD2058_01_s _ 2012_65				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

No Photos

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Paradise Cut	Left	6.58	11/12/2014 11/12/2014	Maksim Khashchuk

LM Start	2.76	Rating **	A/W	Issue No.	66
LM End	2.76	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.801497 °	37.801497 °
				-121.375586 °	-121.375586 °
DWR ID	DWR_RD2058_01_s _ 2012_66				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

No Photos

LM Start	3.41	Rating **	A/W	Issue No.	27
LM End	3.41	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.796421 °	37.796421 °
				-121.366254 °	-121.366254 °
DWR ID	DWR_RD2058_01_s _ 2012_27				
Action/Comments					
Pipe					
Inspector Comments: Drainage discharge.					

No Photos

LM Start	3.76	Rating **	M	Issue No.	974
LM End	3.76	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.791856 °	37.791856 °
				-121.363514 °	-121.363514 °
DWR ID	DWR_RD2058_01_s _ 2012_974				
Action/Comments					
Elderberries are blocking visibility and flood fight capability. Inspector Comments: Flagged bushes obstructing visibility and access.					

No Photos

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Paradise Cut	Left	6.58	11/12/2014 11/12/2014	Maksim Khashchuk

LM Start	3.85	Rating **	A/W	Issue No.	20
LM End	3.85	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.790807 °	37.790807 °
				-121.362905 °	-121.362905 °
DWR ID	DWR_RD2058_01_s _ 2012_20				
Action/Comments					
Environmental Requirements.					
Inspector Comments: Revegetation site.					

Photo 1 of 1 : FA_2014_RD2058_111_20_20141001_00008.jpg



11/08/2011 Revegetation site, cannot trim or cut vegetation in this area.

LM Start	3.96	Rating **	M	Issue No.	22
LM End	3.96	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.789434 °	37.789434 °
				-121.361721 °	-121.361721 °
DWR ID	DWR_RD2058_01_s _ 2014_22				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

Photo 1 of 1 : FA_2014_RD2058_111_22_20141001_00009.jpg



View of the tall vegetation on the landside levee slope and toe.

LM Start	4.01	Rating **	M	Issue No.	26
LM End	4.01	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.789128 °	37.789128 °
				-121.361042 °	-121.361042 °
DWR ID	DWR_RD2058_01_s _ 2012_26				
Action/Comments					
Elderberries are blocking visibility and flood fight capability. Inspector Comments: Elderberry on landside hinge point.					

Photo 1 of 1 : FA_2014_RD2058_111_26_20141001_00011.jpg



Elderberry bushes on landside slope.

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Unit No. 01 Paradise Cut	Left	6.58	11/12/2014 11/12/2014	Maksim Khashchuk

LM Start	4.12	Rating **	C	Issue No.	23
LM End	4.12	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.788833 °	37.788833 °
				-121.358962 °	-121.358962 °
DWR ID	DWR_RD2058_01_s_2014_23				
Action/Comments					
Debris					
Inspector Comments: Large pile of debris at landside levee toe.					

No Photos

LM Start	4.49	Rating **	M	Issue No.	2
LM End	4.53	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.789810 °	37.789810 °
				-121.352490 °	-121.352490 °
DWR ID					
Action/Comments					
Inspector Comments: 08/26/2014: No significant change observed. 08/28/2013: No significant change observed. 07/26/2012: The site has been visited, and no significant change has been observed. 09/02/2011: This site was not visited due to the time limit. 09/22/2010: No significant change observed. Minor pocket erosions are lined at the lower bank. Two large Oak and Willow trees are on mid-slope and bench. The remaining bench was re-measured and found to be approximately 10 feet. There was no indication of active erosion on site during the site visit. 08/05/2010: Recommended for annual assessment and monitoring of the site during flood events, per CLRO. 07/23/2009: No major change observed since last visit; site is a 200-ft. long near-vertical berm erosion; recommend annual assessment and monitoring of the erosion site, per CLRO CES Evaluation 2008 Report; Site # is the same site previously reported as RM4.0,LM4.51; previously rated "U". 09/10/2008: Two large trees (2-3' DBH) with partial roots exposed. 2007: Visited site 03/13/2007. [2014 Site ID:RD2058U01RM3.97]					

Photo 1 of 1 : SJR2014_RD2058U01RM3.97_1.jpg



Direct view of the erosion near a tree.

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Unit No. 01 Paradise Cut	Left	6.58	11/12/2014 11/12/2014	Maksim Khashchuk

LM Start	4.82	Rating **	U	Issue No.	15
LM End	4.82	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.785862 °	37.785862 °
				-121.350303 °	-121.350303 °
DWR ID	DWR_RD2058_01_f_2013_15				
Action/Comments					
Note and monitor erosion site. Inspector Comments: The erosion has about a 3 foot vertical cut at the waterside levee toe.					

Photo 1 of 1 : FA_2014_RD2058_111_15_20141001_00006.jpg



View of the erosion at the waterside levee toe.

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